

**Exercise 1** For each given point, say whether it is a member of the relation given by  $x^2 - y^2 = 1$ .

(a) Is  $(1, -2)$  in the relation?

**Multiple Choice:**

- (i) Yes
- (ii) No ✓

(b) Is  $(1, 0)$  in the relation?

**Multiple Choice:**

- (i) Yes ✓
- (ii) No

(c) Is  $(0, -1)$  in the relation?

**Multiple Choice:**

- (i) Yes
- (ii) No ✓